



1943

PUBLIC HEALTH REPORTS

FOR THE
UNITED HEALTH AREA

COMPRISING

Borough of Newark

Southwell Rural District

Newark Rural District

BY

G. G. BUCHANAN, M.B., Ch.B., D.P.H.

Medical Officer of Health for the Area

Reports of Sanitary Inspectors appended



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Public Health Department,
The Friary,
Appleton Gate,
Newark.

16th August, 1944

*To the Chairman and members of the Councils of Newark
Borough, Southwell Rural District, and Newark Rural
District.*

Sirs, Ladies and Gentlemen,

I have the honour to present to you my Annual Report on the sanitary circumstances, health and vital statistics for the year 1943. The Reports of the Sanitary Inspectors are included.

The Report covers the three Districts coming under my supervision, but is once again very much curtailed.

During the year the Department was without a Senior Clerk.

The general health in the three Districts has remained at a relatively high level in spite of various war-time restrictions, the greatest restriction in my opinion being that of black-out. War-time food with its lack of delicacies does not appear to be having a deleterious effect on health or nutrition, and resistance against infection is apparently being maintained.

Although outside the period covered by the Report I consider it appropriate to mention now that after great endeavour possession of "The Friary" has at last been obtained, and at the time of writing the Public Health Department and clinics including that of the Cripples' Guild have been transferred from the Middlegate premises. The change has long been required and the much more spacious accommodation will allow the various clinics to function more adequately. I and the members of the Newark Borough Staff appreciate the new premises feeling that we can give better help to those who require our services.

I desire to record my thanks to the members of the Councils for their continued support throughout the year and to my colleagues and members of the Staffs for their unfailing help and co-operation.

I am,

Your obedient Servant,

G. G. BUCHANAN

BOROUGH OF NEWARK

Mayor

Councillor C. E. Parlby

Public Health Committee :

Alderman P. J. C. STANILAND, M.B.E., J.P., C.C. (*Chairman*)
Alderman G. WALKER
Alderman L. C. B. APPLEBY, J.P.
Councillor E. K. WALKER
Councillor H. F. HINE
Councillor P. KINMONT, J.P.
Councillor C. CLUTTERBUCK
Councillor Mrs. QUIBELL

Isolation Hospital Sub-Committee :

Alderman P. J. C. STANILAND, M.B.E., J.P., C.C. (*Chairman*)
Alderman L. C. B. APPLEBY, J.P.
Councillor H. F. HINE
Mr. G. A. SMITHSON (Newark R.D.C.)

Maternity and Child Welfare Committee :

Alderman P. J. C. STANILAND, M.B.E., J.P., C.C. (*Chairman*)
Alderman G. WALKER
Alderman L. C. B. APPLEBY, J.P.
Councillor E. K. WALKER
Councillor H. F. HINE
Councillor P. KINMONT, J.P.
Councillor C. CLUTTERBUCK
Councillor Mrs. QUIBELL
Mrs. BAXTER
Mrs. C. NICHOLSON
Mrs. SEYMOUR

Public Health Staff of the Authority : (as on 31st Dec., 1943)

Medical Officer of Health :

G. G. BUCHANAN, M.B., Ch.B., D.P.H.

Medical Officer of Ante-Natal Clinic :

G. S. BUCHANAN, M.B., Ch.B., D.P.H.

Sanitary Inspector :

G. H. KEMP, A.M.I.S.E., M.R.S.I., M.S.I.A., Certs. R.S.I. and S.I. A. Board
Cert. Meat Inspector (R.S.I.)

Assistant Sanitary Inspector :

A. DEWHURST, A.R.S.I., M.S.I.A., Cert. R.S.I. and S.I. Joint Board
(*On Military Service*)

Temporary Sanitary Inspector :

R. E. PRITCHARD, Cert. R.S.I. Meat and other Food (*Resigned*)

Health Visitors:

Mrs. I. GLEGHORN, S.R.N., S.C.M., Cert. R.S.I. for Health Visitors

Borough of Newark

Statistical Summary for 1943

Area of Borough	3,364 Acres
Number of inhabited houses at the end of 1943	5,345
Rateable Value	£139,360
Sum represented by penny rate	£563-6 -9½
Birth rate per 1,000 population	18.8
Death rate per 1,000 population	12.3
Infantile Mortality Rate per 1,000 births	51.8

Vital Statistics for the year 1943

Live Births 405	Legitimate ..	Total 368	Males 186	Females 182
	Illegitimate ..	37	15	22

Birth Rate per 1,000 estimated resident population mid-1943, 18.8 (16.5)

Still Births 16	Legitimate ..	14	11	3
	Illegitimate ..	2	1	1

Birth Rate per 1,000 total (live and still) births 38.0.

Deaths	266	144	122
----------------	-----	-----	-----

Death Rate per 1,000 estimated average population 12.3 (12.1)

Number of Women dying in, or in consequence of Childbirth :

From Puerperal Sepsis .. 0

From other puerperal causes 0

—

Total.. .. . 0

Deaths of Infants under 1 year of age :

All infants per 1,000 births 51.8 (4.9)

Legitimate infants per 1,000 legitimate live births .. 54.3

Illegitimate infants per 1,000 illegitimate live births .. 27.0

Deaths from Cancer (all ages) 49

Deaths from Measles (all ages) 4

Deaths from Whooping Cough (all ages) 1

Deaths from Diarrhoea (under 2 years of age) 1

(Note.—Figures given in brackets are corresponding figures for England and Wales).

Prevalence of, and control over, Infectious Disease

Disease					Total Cases Notified	Cases admitted to Hosp.	Total Deaths
Diphtheria	..	..	..	..	3	3	—
Scarlet Fever	..	..	..	..	21	22	—
Enteric Fever (including Paratyphoid)					—	—	—
Puerperal Pyrexia		..	..	..	5	—	—
Pneumonia	..	..	..	..	7	—	13
Measles	..	..	..	..	173	1	—
Whooping Cough		..	..	..	54	—	—
Cerebro Spinal Fever	..		..	..	—	—	—
Erysipelas	..	..	..	..	10	—	—
Ophthalmia Neonatorum			..	..	—	—	—
Pulmonary Tuberculosis			..	..	20	12	5
Non-Pulmonary Tuberculosis			..		4	2	3

INFECTIOUS DISEASE, 1934—1943

Year	Diphtheria including Membranous Group	Erysipelas	Scarlet Fever	Enteric Fever	Puerperal Pyrexia	Pulmonary Tuberculosis	Other forms of Tuberculosis	Cerebro-Spinal Fever	Ophthalmia Neonatorum	Measles	Pneumonia	Whooping Cough	Total
1934	6	9	33		1	28	4				4		85
1935	3	3	19	2		32	5		2				66
1936	15	6	56			18	4		3		1		103
1937	25	4	30		2	28	5				3		97
1938	134	6	29		4	27	9		3		8		220
1939	81	4	23	1	5						6		120
1940	27	4	24		2	30	8	6		160	7	1	269
1941	10	3	17	7	7	30	7	6	1	239	8	45	380
1942	6	4	34		2	35	9	3	3	13	1	13	123
1943	3	10	21	—	5	20	4	—	—	173	7	54	297

INFECTIOUS DISEASES

Analysis of Notified Cases during the year 1943, according to Age Groups

DISEASE	AGE GROUPS											
	Under 1 year	1 to 2	2 to 3	3 to 4	4 to 5	5 to 10	10 to 15	15 to 20	20 to 35	35 to 45	45 to 65	65 and over
Cerebro-Spinal Fever ..	—	—	—	—	—	—	—	—	—	—	—	—
Scarlet Fever ..	—	2	—	—	2	8	3	2	2	2	—	—
Diphtheria ..	—	—	—	—	—	2	—	—	1	—	—	—
Enteric Fever (including Paratyphoid)	—	—	—	—	—	—	—	—	—	—	—	—
Puerperal Pyrexia ..	—	—	—	—	—	—	—	—	5	—	—	—
Pneumonia ..	—	2	—	—	—	1	1	—	1	1	1	—
Erysipelas ..	—	—	—	—	—	1	1	1	1	2	4	—

TUBERCULOSIS

New Cases and Mortality during 1943

Age Periods	New Cases				Deaths			
	Pulmonary		Non- Pulmonary		Pulmonary		Non- Pulmonary	
	M.	F.	M.	F.	M.	F.	M.	F.
0	—	—	—	—	—	—	—	—
1	—	—	1	—	—	—	—	—
5	2	—	—	—	1	—	—	—
10	—	1	1	—	—	—	—	—
15	2	1	1	—	—	—	—	—
20	—	3	—	—	1	2	2	1
25	3	4	1	—	—	—	—	—
35	—	1	—	—	—	—	—	—
45	1	—	—	—	—	—	—	—
55	2	—	—	—	1	—	—	—
65 & upwards	—	—	—	—	—	—	—	—
Totals	10	10	4	—	3	2	2	1

(1) Non-notified deaths :—Pulmonary Tuberculosis—1

Non-Pulmonary Tuberculosis—1

(2) There was no evidence of excessive mortality from Tuberculosis in any particular occupation in this area.

Public Health (Prevention of Tuberculosis) Regulations, 1925.

No action has been necessary under these Regulations.

Public Health Act, 1936. Section 172.

No action has been necessary under the above heading.

General Provision of Health Services for the Area

Clinics

(a) Under the control of Newark Borough Council :—

Maternity and Child Welfare Centre

Monday and Thursday, 2 to 4 p.m.

Ante-Natal Clinic

Tuesday (Fortnightly), 2 to 4 p.m.

School Clinic

Monday, Wednesday and Thursday, 9 to 11 a.m.

Dental Clinic

School children—Tuesday and Thursday, 9.30 a.m.

Expectant mothers and pre-school children—arranged as necessary.

These are held at the Public Health Department, The Friary, Appleton Gate.

(b) Under the control of Nottinghamshire County Council :—

Chest Clinic, 11 Cartergate

Tuesday 10 a.m. to 12 noon.

(c) Under the Control of Newark and District Cripples Guild :—

Orthopaedic Clinic

Monday, Wednesday and Friday, 10 a.m. to 1 p.m.

3rd and 4th Wednesday each month, 2 to 4 p.m.

The Orthopaedic Surgeon attends on the 4th Wednesday afternoon in each month. The Clinic is held in the Public Health Department, The Friary, Appleton Gate.

Isolation Hospital

Seventy-one cases were admitted during 1943. These were made up as follows :—

Scarlet Fever, 53

Diphtheria, 10

Mumps, 2

Chicken Pox, 1

Measles, 4

Tonsillitis 1

Of these cases 38 were admitted from the district normally covered by the hospital, namely the Borough (28 cases) and Newark Rural District (10 cases). From outside, cases were admitted as follows :—

<i>District</i>	<i>Number of Cases</i>
Southwell R.D.C.	2
West Kesteven R.D.C.	2
North „ „	19
Arnold U.D.C.	1
Carlton U.D.C.	4
H.M. Forces	5

Laboratory

The Laboratory at the Public Health Department has been well used in 1943, the following work having been carried out :—

	<i>Total</i>	<i>Positive</i>	<i>Negative</i>
Swabs examined for Bac. Dip.	174	19	155
Sputum exam. for Tub. Bac.	146	15	131
Other specimens examined	61	—	—

Maternity and Child Welfare.

One of the Health Visitors resigned her appointment and left the service at the end of 1942 and it was found impossible to replace her during the whole of 1943. As a consequence return was made to the previous arrangement of staff namely one whole time Health Visitor and one whole time School Nurse. This compulsory reversion adequately proved that the carrying out of combined duties by two Health Visitors gives a much more satisfactory service.

At the time of writing two Health Visitors are employed.

As mentioned in the introduction the new premises at The Friary, Appleton Gate were occupied in July 1944.

So far no Home Helps have been appointed owing to suitable women not being available.

Home Visiting

Visits paid by the Health Visitors numbered 2,788

(a) To expectant mothers	71
(b) To children under 1 year of age	744
(c) To children between 1 and 5 years	1955
(d) In connection with Infectious Disease	18

Ante-natal Clinic

This clinic which was opened in September, 1941, continued to be fully utilised during the year under review. The attendances were :

Ante-natal mothers	New attendances	96
	Total attendances	311
Post natal mothers	Attendances	8

	1943
Child Welfare Centre.	
Attendance by children under 1 year of age	4577
Attendance by children between 1 and 5 yrs.	1956
Number of individuals attending for the first time	336
Medical Officer's examinations	508
Comparison of attendances at the centre in 1943 with those of previous years indicates the use now being made of this service.—	
1925 .. 1,895	1941 .. 5,239
1930 .. 2,503	1942 .. 5,834
1940 .. 4,638	1943 .. 6,533

The Voluntary Helpers at the centre have again given excellent and valuable assistance.

Dental Clinic for Expectant Mothers, Children under 5 years of age

The work in this Clinic was undertaken by a part-time Dental Practitioner. 18 sessions were held at the Public Health Department, attendances numbering 93.

Institutional Provision for Mothers

One bed in the Maternity Wing of the General Hospital is reserved for complicated cases or those whose home conditions are unsuitable for confinement.

The number of women admitted during the year was 17.

By arrangement with the County Council similar cases were treated in County Maternity Beds. The number admitted to County Institutions was 17.

Day Nursery

This nursery was used to a considerable extent during the year and was a great blessing to mothers in occupation. The attendances remained at a high level and the staff were fully occupied in giving attention to the children. A considerable amount of educational work was done and the improvement, both physical and mental in the children was a noticeable feature. Should the utilisation of married women in industry be continued in post war years the continuation of a nursery will be a necessity. For children aged 2 to 5 years nursery classes on ordinary school premises should be a post war aim.

Daily Guardian Scheme

A second facility for mothers in occupations who require accommodation for their children during working hours is the Daily Guardian Scheme whereby arrangements are made for suitable householders to care for the children daily. Each house is inspected by the Health Visitor before being registered under the Scheme. Financial assistance is given by the Ministry of Labour to the guardian. There are 45 daily guardians on the register at the time of writing.

Housing

The inspections of dwellinghouses had to be curtailed during the year under review, but every opportunity was taken to ensure that the housing problem was constantly to the fore. Urgent repairs were carried out in many instances but lack of materials and manpower presented difficulties.

Infectious Diseases

During the year there was no serious epidemic of infectious disease.

The number of cases of Measles notified was considerably increased compared with the previous years, but fortunately serious complications were rare.

Towards the end of the year Influenza spread rapidly throughout the whole country and caused considerable worry not primarily because of serious illness but because of inadequacy of home help. In many households the entire family was laid up and the household duties could be carried out only with great difficulty. The epidemic was fortunately not of long duration and had almost vanished before the arrangements for assistance from the British Red Cross Society to help in the home had come into operation.

Immunisation against Diphtheria was continued and the following table shows the position at the end of the year.

	Under 5 years of age	Over 5 and under 15 years	Total
Number of children who completed the course of immunisation during 1943	218	132	350
Percentage of children considered to be immunised in the Borough at 31-12-43	60%	75%	
Number of cases of Diphtheria in children under 15 years of age notified in 1943.		2	
Number of cases notified who were immunised	Nil	1 (not clinical)	
Number of deaths	Nil	Nil	

The effect of immunisation has been remarkable and the introduction of this has undoubtedly saved lives and invalidism. The cost involved in immunisation is small compared with the cost of treating a number of cases in hospital.

Water Supplies

Satisfactory reports were received throughout the year on the chemical and bacteriological quality of the samples of water from the supply.

Scabies

Treatment of Scabies was continued as previously. At the present time a cleansing station is available at "The Friary"

The number of cases brought to the notice of the department decreased.

All cases reported were treated at home by Benzyl Benzoate supplied through this department and supervision was carried out at the Clinic.

Steam disinfection of clothes and bedding although available was not found to be necessary in any household.

SANITARY INSPECTOR'S REPORT FOR 1943

Complaints received	129
Nuisances dealt with and abated	129
Informal Notices served (including letters)	190
Letters re Notices	40
New water closets provided where found defective	10
W.C. pans cleansed	22
W.C.'s repaired	97
Pail closets repaired and cleansed	161
W.C. flushing cisterns provided	4
„ „ „ overflow pipes repaired	2
„ „ „ flush pipes repaired	7
„ „ „ supply pipes repaired	7
Drains tested	18
Defective drains repaired and re-laid	83
Houses inspected	118
Re-Inspection	337
Notices Served	38
Sink waste pipes trapped	18
„ „ „ repaired	11
Trapped yard gullies fixed	7
Spouting and rainwater pipes renewed	27
„ „ „ repaired	12
Defective roofs repaired	29
Yards and passages paving repaired	11
Yard paving renewed	2
House windows made to open properly	14
„ „ repaired	19
„ floors repaired	7
Ashbins provided (new)	159
Cesspits cleansed and repaired	64
Ashpits cleansed and repaired	1
Water samples taken	13
Food premises visited	696

Houses found dirty and cleansed	..	..	..	51
„ „ overcrowded	..	..	..	102
Pig styes inspected	..	..	..	12
„ found insanitary and defective	..	..	..	12
„ done away with	..	..	..	4
„ repaired	..	..	..	8
„ cleansed, and proper drainage provided	..	..	..	8
Visits to Dai ries, Cowsheds and Milkshops	..	..	..	208
„ Slaughterhouses, Markets and Shops (for meat and food Inspection)	..	..	..	4,849
„ Fried-Fish Shops	..	..	..	42
„ Canal Boats	..	..	..	51
„ Bakehouses..	..	..	..	59
Re-visits re complaints	..	..	..	129
Factories and workshops inspections and re-inspections	..	..	..	227
Smoke observations taken	..	..	..	24
„ nuisances investigated	..	..	..	24
„ „ abated	..	..	..	4

DISINFECTIONS

Houses disinfected	..	..	..	..	63
Rooms disinfected	..	..	..	..	102
Schools	„	..	..	..	35
„ „ (Separate Rooms)	..	..	..	..	211
Articles disinfected at the steam disinfector	..	..	..	..	2,577
Houses fumigated for bug infestation	..	..	..	..	43

WORKS IN CONNECTION WITH DRAINAGE AND REPAIRS CARRIED OUT UNDER THE PUBLIC HEALTH ACTS.

Living vans inspected at fairs and at other times	..	..	..	42
Cases of infectious disease investigated	..	..	..	24
Premises visited re supervision of disinfection after cases of infectious disease	..	..	..	27
Visits to premises where the Scheduled Offensive Trades are carried on..	..	..	..	12
Accumulations of manure and other offensive matter removed	..	..	..	72

HOUSING

1. Inspection of Dwellinghouses during the year 1943

1.	(a)	Total number of dwellinghouses inspected for housing defects (under Public Health or Housing Acts).	118
	(b)	Number of inspections made for the purpose..	337
2.	(a)	Number of dwellinghouses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925 and 1932	118
	(b)	Number of inspections made for the purpose..	208
3.		Number of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation.. .. .	54
4.		Number of dwellinghouses (exclusive of those referred to under the preceding sub-heading) found not to be in all respects reasonably fit for human habitation	64

2. Remedy of defects during year without service of formal notices

Number of defective dwellinghouses rendered fit in consequence of informal action by the Local Authority or their officers	10
--	----

3. Action under Statutory Powers during the year—

(a)	Proceedings under Sections 9, 10 and 16 of the Housing Act, 1936.		
(1)	Number of dwelling-houses in respect of which notices were served requiring repairs	43	
(2)	Number of dwelling-houses which were rendered fit after service of formal notices.		
(a)	By owners	24	
(b)	By Local Authority in default of owners ..	Nil	

(b) Proceedings under Public Health Acts :—

(1) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied 72

(2) Number of dwelling-houses in which defects were remedied after service of formal notices :—

(a) By owners and Occupiers 72

(b) By Local Authority in default of owners .. Nil.

(c) Proceedings under sections 11 and 13 of the Housing Act, 1936

(1) Number of dwelling-houses in respect of which Demolition Orders were made Nil.

(d) Proceedings under section 12 of the Housing Act, 1936

(1) Number of separate tenements or under-ground rooms in respect of which Closing Orders were made Nil.

(2) Number of separate tenements or under-ground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit Nil.

Housing Act, 1936, Part IV.—Overcrowding

(a) 1. Number of dwellings overcrowded at the end of the year 102

2. Number of families dwelling therein 170

3. Number of persons dwelling therein 702

(b) Number of new cases of overcrowding reported during the year 29

c) 1. Number of cases of overcrowding relieved during the year 53

2. Number of persons concerned in such cases .. 400

MEAT INSPECTION, 1943

Visits to Slaughterhouses, Shops and Markets, 6,849.

Slaughterhouses, 4,921. Shops and Markets, 1,928.

There are three slaughterhouses being used by the Ministry of Food as the slaughtering centre. The remainder of the slaughterhouses in the Borough are closed for the time being.

Carcases Examined

Number of carcases examined, 13,368 :—

Beast	..	..	..	..	..	..	..	1870
Sheep	..	..	..	..	..	..	..	11084
Calves	..	..	..	..	..	..	..	282
Pigs	..	..	..	..	..	..	..	132

Whole Carcasses with Viscera and Offal found to be unfit and confiscated (sent for Salvage) :—

Beast	..	..	..	..	..	..	..	116
Sheep	..	..	..	..	..	..	..	56
Calves	..	..	..	..	..	..	..	15
Pigs	..	..	..	..	..	..	..	14

Carcases with all viscera and offal found to be unfit and confiscated for following reasons (sent for Salvage) :—

General Decomposition (Dead Animal) 14 ; Generalised Tuberculosis 58; General Septicæmia 7; General Congestion (Moribund) 4; Tuberculosis with Emaciation 25 ; Johne's Disease with Emaciation 10; Tuberculosis with Enteritis 3; Dropsy and Emaciation 45 ; Parturient Fever 4 ; Actinomycosis with Emaciation 3; Congenital Tuberculosis 1; Parasitic Pneumonia with Emaciation 3 ; Joint ill and Pyæmia 4 ; Septic Pericarditis 4; Extensive damage and General Decomposition 1 ; Septic Mastitis 3 ; Tubercular Arthritis 3 ; Oedema and Parasites 1 ; Uraemia 2 ; Acute Swine Erysipelas 1 ; Bacillary Necrosis and General Abscesses 1 ; Swine Fever 1 ; Damage by Lightning and General Decomposition 1 ; Slink 3.

Total Weights of Viscera and Offal Destroyed.

	lbs.	tons.	cwts.	qrs.	lbs.
Beasts	58,016	25	18	—	—
Sheeps	1,770	—	15	3	6
Calves	969	—	8	2	17
Pigs	1,558	—	13	3	18
	62,313	27	16	1	13

Total weight of Meat confiscated 67,427lbs.

Tons.	cwts.	qrs.	lbs.		
30	2	—	3	=	67,427 lbs.

Confiscated for Generalised Tuberculosis	..	18,900 lbs.
Localised Tuberculosis	.. ..	8,564 lbs.
Other Reasons	.. ..	39,963 lbs.

General Food Destroyed (most of this was sent for Salvage) :—

Canned Foods	.. ..	2579 Tins.
Fish	.. ..	406 lbs.
Bacon	.. ..	99 lbs.
Pickles	.. ..	14 jars
Flour	.. ..	152 lbs.
Dried Milk	.. ..	84 lbs.
Crabs	.. ..	4 lbs.
Cheese	.. ..	50½ lbs.
Dried Fruit	.. ..	28 lbs.
Cakes	.. ..	77 lbs.
Vegetables	.. ..	15 lbs.
Biscuits	.. ..	2 lbs.
Sauce	.. ..	5 bots.
Confectionery	.. ..	18 lbs.
Jam	.. ..	10 jars.
Imported Sheeps Livers	.. ..	31½ lbs.
Ox Tongues	.. ..	1½ lbs.
Fats	.. ..	14½ lbs.
Lard	.. ..	3½ lbs.
Super Yeast Food	.. ..	140 lbs.
Rabbits	.. ..	2 lbs.
Butter	.. ..	2 lbs.
Vinegar	.. ..	2 Bots.

Food and Drugs (Adulteration) Act

Milk (Special Designation) Order :

No. of samples taken, 24.

Pasteurised	..	..	12
-------------	----	----	----

Accredited	..	..	12
------------	----	----	----

All satisfactory.

Informal Milk Samples :

No. of Samples taken, 25.

No. satisfactory	..	..	24
------------------	----	----	----

No. unsatisfactory	..	..	1
--------------------	----	----	---

Sample No. 13 found deficient in fat to the extent of 4 per cent

National Milk Testing Scheme :

No. taken up to November, 1943, 50.

No. satisfactory	..	..	42
------------------	----	----	----

No. unsatisfactory	..	..	8
--------------------	----	----	---

Water Analysis

Public Supply—

Samples taken, 12	..	All satisfactory.
-------------------	----	-------------------

Clay Lane—

Samples taken, 1	..	Satisfactory.
------------------	----	---------------

Other Wells—

Samples taken 1. Surface washing pollution. Non-faecal type.

Action taken :—Work carried out for protection of well from surface pollution.

Report as to the administration of Canal Boats Acts for the year 1943

Arrangements made for the inspection of Boats, and name and address and remuneration of the Inspector :—

The boats are examined at the various wharves within the Council's area.

Inspections carried out by the Sanitary Inspector, Public Health Department, 25 Middlegate, Newark, whose duties includes those of Canal Boats Inspector.

Number of Inspections of Canal Boats made. Condition of Boats and occupants, as regards the matters dealt with in the Acts and Regulations 5

Any infringement of the Acts and Regulations with respect to :—

Registration	..	..	..	..	..	..	..	Nil
Notification of Change of Master	..	..	..	..	..	..	..	Nil
Certificates	..	..	..	..	..	..	..	Nil
Marking	..	..	..	..	..	..	..	Nil
Overcrowding	..	..	..	..	..	..	..	Nil
Separation of Sexes	..	..	..	..	..	..	..	Nil
Cleanliness	..	..	..	..	..	..	..	Nil
Ventilation	..	..	..	..	..	..	..	Nil
Painting	..	..	..	..	..	..	..	Nil
Provision of Water Cask	..	..	..	..	..	..	..	Nil
Removal of Bilge Water	..	..	..	..	..	..	..	1
Notification of Infectious Disease	..	..	..	..	..	..	..	Nil
Admittance of Inspector	..	..	..	..	..	..	..	Nil
Insufficiency of Light in Cabins	..	..	..	..	..	..	..	Nil
Cleanliness of Water Cask	..	..	..	..	..	..	..	Nil
Offensive cargoes carried, double bulkheads not fitted	..	..	..	..	..	..	..	Nil

Legal proceedings taken in respect of any such infringements, and penalties inflicted Nil

Any other steps taken to secure compliance with the Acts and Regulations as regard such infringements :—

Intimation Notices served Nil

Cases of Infectious Disease dealt with, and measures of Isolation adopted Nil

Detention of Boats for cleansing and disinfection Nil

Newark Urban District Council is not a Registration Authority.

Public Health Department, 25 Middlegate, Newark.
June, 1944.

G. H. KEMP

Rural District Council of Southwell

Chairman—Mr. ALEXANDER STRAW, J.P.

Vice-Chairman—Mr. ARTHUR CARNILL, J.P.

Members—

Mr. J. C. TURNER	Mr. W. H. MOORE
Mr. H. BARTON	Mr. A. H. GALBRAITH
Mr. A. JENKINS	The Revd. H. C. D. BUTLER
Mr. J. W. HUNT	Mr. W. V. SHEPPARD
Mr. F. G. RADFORD	Mr. A. CARNILL J.P.
Mr. W. SHEPHERD	Mr. A. S. RICKETT
Mr. A. JENKINS	Mr. G. RANYARD
Mr. R. A. J. MELTON	Mr. C. SHAW
Mr. S. J. M. HOLE	Mr. W. H. HENTON
Mr. G. GREGORY	Mr. J. T. P. FOSTER
Mr. F. ARMSTRONG	Mr. H. B. WATSON
Mr. J. DAVENPORT	Mr. H. DOBBS
Revd. A. E. DAWE	Mr. W. A. B. MARSTON
Mr. R. PALING	Mr. A. E. SINGLETON
Mr. H. WILLETT	Mr. H. D. ARGLES, J.P.
Mr. E. G. GOZZARD	Mr. R. A. SMITH MILNES
Mr. F. J. GALE	Mrs. E. M. CAUDWELL
Mr. ALEX. STRAW, J.P.	Mr. R. H. BEAUMONT
Mr. R. WRIGHT	Mr. H. A. J. MERRYWEATHER
Mr. E. FRANCKLIN, J.P.	Mrs. V. M. BRYAN
Mr. B. G. SELBY	Mr. J. W. PRICE
Mr. W. P. DAY	Mr. H. J. TRUEMAN
Mr. W. SCOTT	Mr. J. G. WARD
Mr. H. BURNE	Mr. A. R. REDFORD
Mr. W. BRETT	Mr. W. BENNETT
Mr. J. M. SCOTT	Lady MASSEREENE & FERRARI J.P.
Mr. E. VESSEY	Mr. R. MORRIS
Mr. S. GARNER	Rev. S. BEDALE
Mr. J. TUXFORD	Mr. L. BURCHELL
Mr. J. ESAM	
Mr. J. THORNTON	

Medical Officer of Health—

G. G. BUCHANAN, M.B., Ch.B., D.P.H., Public Health Department,
Middlegate, Newark

Sanitary Inspectors—

A. C. SMEDLEY, A.R.S.I. Cert. R.S.I. Edwinstowe, Mansfield
B. D. HALL, A.R.S.I., Council Offices, 8 Westgate, Southwell

Surveyor—

S. COOPER, A.M.I.S.E., Council Offices, 8 Westgate, Southwell

Clerk to the Council—

JOHN ELLIS, Council Offices, 8 Westgate, Southwell

STATISTICAL SUMMARY FOR 1943

Area of District	..	..	..	..	118,791 acres
Birth rate per 1,000 population	..	..	..	..	19.5
Death rate per 1,000 population	..	..	..	..	9.1
Infantile Mortality per 1,000 births	..	..	..	..	35.1
Rateable Value	..	..	..	..	£209,831
Sum represented by penny rate	..	..	..	..	£835. 19s. 8d.

Vital Statistics of the Year 1943

			Total	Males	Females
Live Births 712	Legitimate ..		679	354	325
	Illegitimate ..		33	16	17

Birth Rate per 1,000 estimated resident population mid-1 943, 19.5 (16.5)

Still Births 18	Legitimate ..		18	10	8
	Illegitimate ..		—	—	—

Birth Rate per 1,000 total (live and still) births, 24.6.

Deaths	..	..	..	..	332	185	147
--------	----	----	----	----	-----	-----	-----

Death Rate per 1,000 estimated average population, 9.1 (12.1)

Number of Women dying in, or in consequence of Childbirth :—

From Puerperal Sepsis 2

From other puerperal causes 1

Rate per 1,000 total (live and still)
births —

Total 3 4.1

Death of Infants under 1 year of age :—

All infants per 1,000 births 35.1(49)

Legitimate infants per 1,000 legitimate live births .. 29.4

Illegitimate infants per 1,000 illegitimate live births .. 30.3

Deaths from Cancer (all ages) 36

Deaths from Measles (all ages) 1

Deaths from Whooping Cough (all ages) .. 2

Deaths from Diarrhoea (under 2 years of age) .. 1

(Note.—Figures given in brackets are corresponding figures for England and Wales).

Prevalence of and Control over Infectious Disease

DISEASE						Total Cases Notified	Cases admitted to Hospital	Total Deaths
Diphtheria	..	..	..	..	..	7	5	—
Scarlet Fever	..	..	..	..	..	57	25	—
Enteric Fever (including Paratyphoid)	..				..	—	—	—
Puerperal Pyrexia	..	..	..	..	..	6	—	—
Pneumonia	..	..	..	..	..	60	—	12
Erysipelas	..	..	..	..	..	8	—	—
Measles	..	..	..	..	..	344	—	—
Whooping Cough	..	..	..	..	..	223	—	—
Cerebro Spinal Fever	..	..	..	..	..	—	—	—
Ophthalmia Neonatorum	..	..	..	..	..	4	—	—
Pulmonary Tuberculosis	..	..	..	..	..	20	9	8
Non-Pulmonary Tuberculosis	..	..	..	..	..	5	1	2

INFECTIOUS DISEASES

Analysis of Notified Cases during the year 1943, according to Age Groups

DISEASE	AGE GROUPS											
	Under 1 year	1 to 2	2 to 3	3 to 4	4 to 5	5 to 10	10 to 15	15 to 20	20 to 35	35 to 45	45 to 65	65 and over
Cerebro Spinal Fever ..	—	—	—	—	—	—	—	—	—	—	—	—
Scarlet Fever ..	—	—	1	4	4	24	12	4	5	—	3	—
Diphtheria ..	—	—	—	1	—	1	—	2	2	1	—	—
Enteric Fever (including Paratyphoid)	—	—	—	—	—	—	—	—	—	—	—	—
Puerperal Pyrexia ..	—	—	—	—	—	—	—	—	5	1	—	—
Pneumonia ..	—	1	1	1	1	7	—	4	12	5	19	9
Anterior Poliomyelitis ..	—	—	—	—	—	—	—	—	—	—	—	—
Erysipelas ..	—	—	—	—	—	—	—	—	—	1	3	4

Infectious Disease, 1934-1943

Year	Diphtheria including Membranous Group	Erysipelas	Scarlet Fever	Enteric Fever	Puerperal Pyrexia	Pulmonary Tuberculosis	Other forms of Tuberculosis	Ophthalmia Neonatorum	Measles	Pneumonia	Whooping Cough	Cerebro-Spinal Fever	Total
1934	14	13	66		2	28	15	3		25			166
1935	8	4	89		10	32	16	4		29			192
1936	5	5	93		4	30	5	1		23			166
1937	17	14	137		9	20	10	4		41		1	253
1938	50	14	86		10	22	8	3		39			232
1939	30	6	140	3	9					33			221
1940	13	11	98		3	26	5	5	562	28	12	9	772
1941	22	6	42	4	5	24	8	2	373	46	149	1	682
1942	8	5	57		5	21	11	6	209	38	30		390
1943	7	8	57		6	20	5	4	344	60	223		734

TUBERCULOSIS

New Cases and Mortality during 1943

Age Periods	New Cases				Deaths			
	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
	M.	F.	M.	F.	M.	F.	M.	F.
0	—	—	—	—	—	—	—	—
1	1	—	—	—	—	—	—	—
5	—	—	1	—	—	—	—	—
10	—	—	1	—	—	—	—	—
15	1	1	1	—	—	—	—	—
20	3	1	1	—	—	—	1	—
25	—	1	—	—	1	—	1	—
35	7	—	—	1	—	1	—	—
45	3	—	—	—	2	1	—	—
55	1	1	—	—	1	—	—	—
65 & Upwards	—	—	—	—	2	—	—	—
Totals	16	4	4	1	6	2	2	—

(1) Non-notified deaths:—Pulmonary Tuberculosis, 0
Non-Pulmonary Tuberculosis, 1

(2) There is no evidence of excessive mortality from Tuberculosis in any particular occupation in this area.

Public Health (Prevention of Tuberculosis) Regulations, 1925.

No action has been necessary under these Regulations.

Public Health Act, 1936. Section 172.

No action has been necessary under the above heading.

Scabies

No serious outbreaks were reported. The majority of cases were reported by the County School and Maternity and Child Welfare Medical Officers or Health Visitors. The cases were visited by the Medical Officer of Health and treated at home by the application of Benzyl Benzoate.

Infectious Diseases

No serious outbreak of infectious diseases occurred in the district except that of Influenza which occurred towards the end of the year,

Immunisation against Diphtheria was continued and the following table indicates the position on 31st December, 1943.

	Under 5	Over 5 under 15	Total
Number of children who completed the full course of immunisation, 1943	676	238	914
Percentage of children in the district considered to be immunised ..	76%	78%	
Number of cases of Diphtheria in children under 15.		2	
Number of cases notified who were immunised		..	Nil
Number of deaths	..	..	Nil

Isolation Hospital

On the 1st April, the hospital previously maintained by the Rural District Council was taken over by the South Notts. Joint Hospital Board. The hospital in conjunction with the Boards Hospital at Debdale Hall, Mansfield Woodhouse now caters for several Authorities within the southern part of the County.

Treatment Centres and Clinics

The Treatment Centres and Clinics in the District are maintained by the County Council. These are set out below.

Child Welfare Centres

Bilsthorpe	Village Hall	Thursday, 2 to 4.30 fortnightly
Blidworth	Methodist School	Monday, 2 to 4.30 weekly
Clipstone	Church Hut	Friday, 2 to 4.30 weekly
Edwinstowe	Church Institute	Thursday, 2 to 4.30 weekly
Lowdham	The Institute	Tuesday, 2 to 4.30 weekly
N. Muskham	Methodist School	Friday, 2 to 4.30 fortnightly
Ollerton	Methodist Chapel	Tuesday and Wednesday, 2 to 4.30 weekly Wednesday, 9.30 to 12 fortnightly
Rainworth	Methodist Chapel	Tuesday, 2 to 4.30 fortnightly
Southwell	45 King Street	Thursday, 2 to 4.30 weekly
Sutton-on-Trent	Church Hall	Tuesday, 2 to 4.30 fortnightly

Ante-natal Clinics are maintained in connection with each of these Centres.

School Clinics

Bilsthorpe	Village Hall	Tuesday, 9.30 to 12 Friday, 2 to 4
Clipstone	Church Hut	Tuesday, 9.30 to 12 Friday, 9.30 to 12
Ollerton	Methodist Chapel	Tuesday, 9.30 to 12 Friday, 2 to 4
Southwell	45 King Street	Monday, 9.30 to 12 Thursday, 9.30 to 12

ANNUAL REPORT OF SANITARY INSPECTORS

FOR THE YEAR 1943

NORTH DISTRICT

Number of Statutory Notices served	..	3
„ „ „ complied with	.. ..	2
„ „ „ in hand	.. ..	1
„ Informal notices served	.. ..	15
„ „ „ complied with	.. ..	15
Letters sent out	.. ..	87

Notices served under the Housing Act, not included above
Inspections.

Houses inspected re defective conditions..	.. ..	47
Houses visited re Infectious Diseases	.. ..	36
Houses visited re overcrowding	.. ..	1
Premises for Nuisances	.. ..	14
Nuisances abated	.. ..	14
Water supplies	.. ..	1
Vans	.. ..	8
Visits to refuse tips (controlled)	.. ..	128
Slaughterhouses	.. ..	8
Meat Shops	.. ..	19
Bakehouses	.. ..	22
Workshops	.. ..	5
Petroleum Stores	.. ..	19
Cowsheds and Dairies	.. ..	109
Drainage Schemes	.. ..	7
Fish Shops	.. ..	7
Shops and Stores	.. ..	8

Bakehouses.

There are 10 Bakehouses in this area which have been inspected and found to have been kept clean and limewashed.

Factories and Workshops

	Inspections	Written Notices	Occupiers Prosecuted
	5	3	Nil
Defects :—	Found	Remedied	Referred to H. M. Inspector
Want of cleanliness	3	3	Nil.

Slaughterhouses.

There are 14 slaughterhouses in the area, which are all licensed yearly now, these have been frequently visited by me and found to have been kept clean. Private slaughtering is not done now by butchers owing to the Ministry of Food Requirements

Slaughter of Animals Act 1933

No. of Licences issued during the year	..	..	1
No. of Licences held at the end of the year	..	..	21

Unsound Foods.

72 Tins of fruit, fish, meat and milk have been surrendered and destroyed during the year by reason of the tins being "blown."

28 lbs. margarine, 14½ lbs. bacon, 6½ doz. bott. Onionsel essence. 2½ doz. packets. Onionsel Powder have also been destroyed.

Cowsheds and Dairies

Number of persons Registered during the year	..	4
Registered as producers	.. ..	209
„ producers and retailers	.. ..	72
„ buttermakers	.. ..	11
Approximate number of cowsheds	.. ..	339
New Drainage provided	.. ..	4
New floors with channels	.. ..	13
New feeding troughs	.. ..	13
Ventilation improved	.. ..	11
Roofs repaired	.. ..	3
New cooling sheds	.. ..	3

Reconditioning of old cowsheds with new floors feeding troughs, partitions, lights and ventilation has been carried out at several farms.

Petroleum Stores

During the year four new tanks were tested and licensed. All the stores are underground and in good condition.

No. of licences issued during the year	..	..	..	41
--	----	----	----	----

Infectious Diseases

Infectious diseases have occurred in 36 houses during the year, and the infected rooms and contents have been disinfected by spraying with Formaldehyde and fumigation by Formic Aldehyde Vapour.

Scavenging

Public scavenging is done by the Council under contract in the Parish of Sutton-on-Trent, and the refuse is dealt with on farm land by the contractor in a satisfactory manner : also in the Parishes of Edwinstowe, Clipstone, Boughton, Ollerton, Bilsthorpe and the part of Eakring Parish where the colliery bungalows are situated, and Wellow.

The dust-bin refuse from these Parishes is collected weekly and taken to four tips provided by the Council and dealt with under the controlled (Bradford) tipping system, two men working under my control on three out of the four tips and the night soil is taken to farm land by the contractors and dealt with in a satisfactory manner.

All tins are collected from these tips and taken for salvage. A system of collection of tins, broken pots, etc., is also done by the Council under contract in Walesby and Eakring Parishes. The tins are now collected for salvage and the broken pots and bottles taken to tips in the fields about a mile from the villages.

Scavenging of Streets

Workmen are employed by the Council in clearing litter from the streets in the Parishes of Clipstone, Bilsthorpe and part of Eakring, Ollerton and Boughton as follows :—Ollerton and Boughton one man works three days weekly. Eakring, Bilsthorpe and Clipstone, one man works two days at the week end, one man for Bilsthorpe and Eakring and one man for Clipstone, all work under my control.

HOUSING

1. Inspection of Dwelling-houses during the year :—

1. (a)	Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts)	47
(b)	Number of inspections made for the purpose ..	55
2. (a)	Number of dwelling-houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925 and 1932	9
(b)	Number of inspections made for the purpose ..	12
3.	Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	Nil.
4.	Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation	28

2. Remedy of Defects during the Year without Service of formal Notices :—

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their Officers	20
---	----

Details of Housing Work, &c

Drains repaired	..	..	..	..	..	..	8
New sinks	..	..	..	..	..	..	10
Blocked drains relieved	..	..	..	..	..	..	11
W.C.'s repaired	..	..	..	..	..	..	16
New fire-ranges, or repaired	..	..	..	..	..	..	10
New spouting, or repaired	..	..	..	..	..	..	23
New windows, or repaired	..	..	..	..	..	..	5
Roofs repaired	..	..	..	..	..	..	17
New floors, or repaired	..	..	..	..	..	..	11
Chimneys repaired	..	..	..	..	..	..	3
New dust bins	..	..	..	..	..	..	24
New closet pans	..	..	..	..	..	..	2
New cesspools	..	..	..	..	..	..	2
New Baths	..	..	..	..	..	..	1
Pan closets repaired	..	..	..	..	..	..	7
Dirty houses cleaned	..	..	..	..	..	..	2
New Pail Closets	..	..	..	..	..	..	2
Stairs Repaired	..	..	..	..	..	..	3
New Coppers	..	..	..	..	..	..	2
New Water Closets	..	..	..	..	..	..	4
Smoke Nuisances Abated	..	..	..	..	..	..	1

WATER SUPPLY

All the parishes in this area are provided with a piped water supply. Samples have been taken from the public supplies and sent for analysis during the year and all samples were stated to be of satisfactory chemical and bacteriological quality for human consumption and domestic use. One sample from a draw well was sent for analysis and was stated to be unsatisfactory and a piped supply from the water main has been substituted. Houses connected to the Public Supply during the year 42.

A. C. SMEDLEY

Sanitary Inspector

ANNUAL REPORTS OF THE SANITARY INSPECTORS

FOR THE YEAR 1943

SOUTH DISTRICT

Number of Statutory Notices served	2
Number of Statutory Notices complied with	2
Number of Informal Notices served	55
Number of Informal Notices complied with	37
Number of Informal Notices in hand	18
Number of letters sent out	328
.. Circular notices sent out.. .. .	850

Inspections carried out

Houses re Sanitary Defects	47
Houses re Infectious Disease	40
Houses re Overcrowding	2
Houses re Dirty Condition	5
Slaughterhouses	15
Meat Shops	26
Cowsheds	312
Bakehouses	7
Knackeryards	2
Provision Shops	11
Fish Shops	5
Factories and Workshops	10
Tips	11
Accumulations	14
Water Supplies	29
Vans	19
Choked Drains	26
Drainage	83
Petroleum Stores	17
Interviews with Owners, Builders, etc.	139
Dairies	132
Schools	11
Pasteurising Plants	7
Rats	13
Keeping of Animals	3
Milk Sampling	305
Food Inspection	37
Refuse Collection	105
Outfalls	5
Smoke Abatement	3

Infectious Disease

During the year the disinfection of 32 rooms and their contents was carried out. Premises are disinfected by spraying with Formaldehyde and fumigation with Formic Aldehyde Vapour.

Bakehouses

Number of retail bakehouses on register	..	..	..	11
Number of informal notices to limewash	..	..	..	3
Number of informal notices to limewash complied	..	..	..	3

Factories and Workshops

		Inspections	Informal Notices	Occupier prosecuted
Factories	.. ..	5	2	—
Workshops	.. ..	3	—	—
Workplaces	.. ..	2	1	—
		—	—	—
		10	3	Nil
		—	—	—

Defects

		Found	Remedied	Referred to H.M. Inspector
Cleanliness	..	1	1	—
Defective closet	..	2	2	—
		—	—	—
		3	3	Nil
		—	—	—

Cowsheds and Dairies

Number of persons registered during the year	..	..	6
Number of premises registered during the year	..	..	2
Number of persons on the register as producers	..	..	163
Number of persons on the register as producers and retailers			78
Number of persons on the register as retailers	..	..	4
Approximate number of sheds	..	..	324
New cowsheds constructed	..	..	6
New dairies constructed	..	..	4
Water supply improved	..	..	4
Informal Notices re limewashing	..	..	10
re cleanliness of utensils	..	..	23
re infringements of the Milk and Dairies Order, 1926	..	..	28
re Provision of Dairies	..	..	12

Assistance and co-operation were given to the County War Agricultural Executive Committee in the carrying out of the National Milk Advisory Scheme. During the year 120 advisory visits were paid to farms and 226 samples of milk were taken and sent for examination. A large amount of work had to be carried out outside normal working hours.

Milk (Special Designations) Order, 1936

During the year the following licences were issued :—

License to pasteurise milk	.. .. .	1
Supplimentary licences to sell pasteurised milk	.. ..	7
„ „ „ „ Tuberculin tested	.. ..	1
No of samples of pasteurised milk taken	.. .. .	7
„ „ „ „ „ „ „ Satisfactory	..	6
„ „ „ „ „ „ „ Unsatisfactory	..	1

Slaughterhouses

There are 17 privately owned slaughterhouses in the District, but owing to the Meat Rationing system, these are seldom used except for occasional slaughtering of casualties or cottagers' pigs. No bye-laws for governing slaughterhouses are in operation.

The following diseased and unsound food has been surrendered during the year :—

Beast Liver 22 lbs. Bacon 61 lbs. Stew 16 gallons. Pork Lunch Sausage 32 lbs. Luncheon Meat 23 lbs. Corn Beef 12 lbs. Chopped Ham 5 lbs. 12 oz. Prem 1 lb. 8 ozs. Steak 3 lbs. Beef and Veg 1 lb. Salmon 6 lbs. Pilchards 23 lbs. 8 ozs. Herrings 2 lbs. 4 ozs. Sardines 1 lb. 14 ozs. Fruit 83 lbs. 14 ozs. Dried Peas 1 cwt. Tinned Peas 5 lbs. 12 oz. Baked Beans 14 lbs. Tinned Soup 12 ozs. Tinned Milk 337 lbs. 4 ozs. Corn Flakes 7 lbs. Cheese 13 lbs 8 ozs. Butter 8 lbs. ⁵/₈ Salt 18 lbs.

Knackeryards

There are two licenced knackeryards in the district, these have been kept in a satisfactory condition during the year.

Slaughter of Animals Act, 1933

Number of new licences issued during the year..	..	3
Number of licences held at the end of the year	..	11

Food and Drugs Act, 1938

Sampling under the above Act is carried out by the Nottinghamshire County Council. The following information has been kindly supplied by Mr. E Templeman (Chief Inspector).

Report of the Public Analyst upon articles analysed by him under the above Act and of those examined by the Inspectors in the Southwell Rural District during the year ending the 31st December, 1943.

<i>Articles</i>	<i>No. of Samples</i>	<i>Result of Analysis</i>
Aniseed, Balsam of	1	Genuine. Free from deleterious ingredients
Baking Powder	1	Genuine
Butter	2	Genuine
Cake Flour	1	Genuine
Cake Mixture, Sweetened	1	Genuine. Free from deleterious ingredients
Celery Soup, Tinned	1	Contained the following substances in proportions as under : Total Solids 7.72% Proteins 0.90% Preservatives. Absent Total contents 10.6 ozs. Requirements. Solids 10%. Protein 1% (No action taken)
Chocolate Toffee	1	Genuine. Free from Arsenic and other objectionable impurities
Cocoa	1	Genuine
Coffee	1	Genuine
Dinner, ready cooked in tins	1	Genuine. Free from preservatives and metallic contamination
Egg Dried	1	Genuine
Egg substitute powder	1	The sample consisted of a mixture of Wheat Flour Sodium Bicarbonate and a yellow dye. It was free from deleterious ingredients
Fish Paste	1	Genuine. Free from preservatives
Flour (self raising)	1	Genuine
Flowers of Sulphur	1	Genuine. Conformed to B.P. Standard for Sublimed Sulphur
Gelatine, Leaf	1	Included the following substances in proportions as under:— Ash 4.15%. Arsenic 1/20th of a grain per pound. Zinc 80 parts per million. Copper 50 parts per million. OBSERVATIONS : -- The amount of Arsenic in Edible Gelatine should not exceed 1/100th of a grain per pound. (Sample taken informally at request of owner. No action possible).

<i>Articles</i>	<i>No. of Samples</i>	<i>Result of Analysis</i>
Glauber Salts	1	Conformed to the B.P. Standard of purity
Grape Fruit Squash	2	1. Contained 130 parts per million of Sulphur 2. Contained 224 parts per million of Sulphur Dioxide (350 parts per million allowed)
Jam, Gooseberry	1	Genuine
Jam, Raspberry	1	Genuine
Lard	3	Genuine
Margarine	3	These samples were genuine margarine They contained a Boron Preservative. Under the Margarine (Addition of Borax Order, 1940, the addition of Borax to Margarine is permitted under licence from Ministry of Food
Meat Soup	1	Genuine. Free from Preservatives and metallic contamination
Milk	43	All correct
Milk Condensed	1	Genuine
Pepper	1	Genuine
Semolina	1	Genuine
Sweets, Aniseed Balls	1	Genuine. Free from Arsenic and other objectionable impurities
Vinegar, Malt	3	Genuine
Vinegar, Non-Brewed	1	Genuine

Samples taken under the Milk (Special Designations) Orders, 1936-38, and examined by the County Bacteriologist.

		<i>No. of Samples taken</i>	<i>Complied</i>	<i>Failed to comply</i>
Tuberculin Tested	..	13	7	6
Accredited	..	16	11	5
		—	—	—
		29	18	11
		—	—	—

Informal samples of milk tested by the Inspectors by "Gerber" Tester.

		<i>No. of samples taken</i>	<i>Correct</i>	<i>Incorrect</i>
No. of samples taken by the Inspectors	.. ..	130	130	Nil

Cleansing Work

Refuse is collected in the following Parishes :—

Blidworth	Hoveringham	Oxton
Epperstone	Lowdham	Southwell
Farnsfield		

In the Parishes of Blidworth and Southwell the work is carried out by direct labour, in the remaining Parishes the work is done by contract. Collections are made weekly except in the Parish of Hoveringham, this being a monthly collection of dry refuse only. Cesspools are emptied monthly in the Parish of Blidworth. The Council owns refuse tips at Blidworth and Southwell and the Bolsover Colliery Company loans a tip at Rufford. The treatment for rats at these tips is left in the hands of the Notts. War Agricultural Executive Committee's Pests Officers and a fee is paid for these services. One man is employed on the Blidworth and Rufford refuse tips. Assistance in the collection of salvage is given in the Parishes of Southwell and Blidworth.

The cost of collection and disposal in the Parishes of Blidworth and Southwell is given below :—

	Blidworth	Southwell
Approximate number of houses	1600	920
Approximate cost of collection and disposal	£1217	£814

Rat Infestation Order, 1943.

A preliminary survey under the above order was made during the year and the result of same was forwarded to the Ministry of Food. Two reservoirs and seven major infestations were found in the district.

Hydrogen Cyanide (Fumigation of Buildings) Reg. 1938.

One lot of premises was treated with Hydrogen Cyanide during the year and the necessary conditions were observed by the fumigators.

Housing Work.

1. Inspection of dwelling-houses during the year.

(1) (a)	Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts )	... ..	28
(b)	Number of inspections made for the purpose	...	47
(2) (a)	Number of dwelling-houses included under sub-head (1) above which were inspected and recorded under the Housing Consolidated Regulations, 1925 and 1932	... ..	8
(b)	Number of inspections made for the purpose	...	10
(3)	Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	... ..	1

2. Remedy of defects during the year without service of formal notices.

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their Officers	21
---	----

(b) Proceedings under Public Health Acts :—

(1) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied	9
---	---

(2) Number of dwelling-houses in which defects were remedied after service of formal notices :

(a) By Owners	6
----------------------	---

(b) By local authority in default of owners	Nil.
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4. Housing Act, 1936. Part iv. Overcrowding :—

Owing to “Call-ups” and evacuation in the area, it has been impossible to keep check on the overcrowding.

Requisition of Houses for Persons inadequately Housed.

During the year one empty house was requisitioned and minor repairs carried out. This was to house one family.

Petroleum Stores

All stores have been kept in a satisfactory condition, the majority of the stores are underground.

Number of licences issued for storage during the year ..	47
--	----

Number of new licences issued during the year	2
---	---

General Work.

A great deal of time has also been devoted to Civil Defence in connection with my duties as Decontamination Officer, Food Treatment Officer and Deputy Sub Controller. Assistance and advice has also been given to Military Units in the area in connection with drainage, water and refuse collection. Insufficient staff and lack of clerical assistance makes it impossible to cope with the work, and a great deal of the routine inspection work cannot be carried out.

Finally, may I take the opportunity of thanking the members of the Council and members of the staff for their kind assistance during the year.

22nd July, 1944

B. D. HALL,
Sanitary Inspector

Newark Rural District Council

Chairman—C. W. LANE, J.P.

Mr. G. A. SMITHSON	Mr. G. E. PENNINGTON
Mr. T. A. SPRAY	Mr. W. F. PLAYER
The Revd. F. H. BURNSIDE	Mr. E. M. HALL
Mrs. CURTIS	Mr. J. R. BOTTOMLEY
Mr. H. SCOTT	Mr. C. McBRAYNE
Mr. G. A. ROSS	Mr. A. WILSON
Miss E. D. BROWNE	Mr. G. A. FILLINGHAM
Mr. R. H. HOWITT, J.P.	Mr. T. D. MOSSCROP
Mr. H. H. BROWN	Mr. C. H. HOOD
Mr. H. LAMB	Mr. R. D. K. BRADLEY
Mr. T. BRADLEY	

Medical Officer of Health

G. G. BUCHANAN, M.B., Ch.B., D.P.H.

Sanitary Inspector

R. OAKDEN, A.M.I.C.E., M.I.M. & Cy.E., Church Lane, Farndon

Clerk to the Council

H. G. PEARSON, 24 Lombard Street, Newark

Newark Rural District Council

Statistical Summary for 1943

Area of District	..	..	..	..	..	40,000 acres
Number of inhabited houses at the end of year 1942						3,020
Rateable value	..	..	..	..	..	£41,665
Sum represented by penny rate	..	..	..			£169 1 0
Birth rate per 1,000 population	..	..	..			21·0
Death rate per 1,000 population	..	..	..			11·7
Infant Mortality per 1,000 Births	..	..	..			44·0

Vital Statistics of the Year 1943

Live Births 227	Legitimate ..	Total 216	Males 114	Females 102
	Illegitimate ..	11	3	8

Birth Rate per 1,000 estimated resident population, 21.0 (16.5)

Still Births 10	Legitimate ..	10	7	3
	Illegitimate ..	—	—	—

Birth Rate per 1,000 total (live and still) births, 46.5

Deaths		..	..	..	..	121	47	74
--------	------	----	----	----	----	-----	----	----

Death Rate per 1,000 estimated average population, 11.7 (12.1)

Number of Women dying in, or in consequence of Childbirth :—

From Puerperal Sepsis	1
From other causes	1
Total	<u>2</u>

Deaths of Infants under 1 year of age :—

All infants per 1,000 births	44.0 (4.9)
Legitimate infants per 1,000 legitimate live births ..	41.6
Illegitimate infants per 1,000 illegitimate live births ..	90.9

Deaths from Cancer (all ages)	13
Deaths from Measles (all ages)	0
Deaths from Whooping Cough (all ages)	0
Deaths from Diarrhoea (under 2 years of age)	0

(Note.—Figures given in brackets are corresponding figures for England and Wales).

Notifiable Diseases during the Year

DISEASE						Total Cases Notified	Cases admitted to Hospital	Total Deaths
Diphtheria	..	..	..	..	..	3	5	—
Scarlet Fever	..	..	..	..	..	9	7	—
Enteric Fever (including Paratyphoid)					..	—	—	—
Puerperal Pyrexia	..	..	..	..	..	—	—	—
Pneumonia	..	..	..	..	..	1	—	2
Measles	..	..	..	..	..	39	—	—
Cerebro Spinal Fever		..	..	..	..	—	—	—
Whooping Cough		..	..	..	..	9	—	—
Pulmonary Tuberculosis			..	..	..	5	5	3
Non-Pulmonary Tuberculosis		..	..	..	..	2	—	1

INFECTIOUS DISEASES

Analysis of Notified Cases during the year 1943, according to Age Groups

DISEASE	AGE GROUPS											
	Under 1 year	1 to 2	2 to 3	3 to 4	4 to 5	5 to 10	10 to 15	15 to 20	20 to 35	35 to 45	45 to 65	65 and over
Cerebro-Spinal Fever ..	—	—	—	—	—	—	—	—	—	—	—	—
Scarlet Fever ..	—	—	—	2	—	5	1	—	—	1	—	—
Diphtheria ..	—	—	—	—	—	1	1	1	—	—	—	—
Enteric Fever (including Paratyphoid)	—	—	—	—	—	—	—	—	—	—	—	—
Puerperal Pyrexia ..	—	—	—	—	—	—	—	—	—	—	—	—
Pneumonia ..	—	—	—	—	—	—	—	—	—	—	1	—

Infectious Diseases, 1934—1943

Year	Diphtheria including Membranous Group	Erysipelas	Scarlet Fever	Enteric Fever	Puerperal Fever	Pulmonary Tuberculosis	Other forms of Tuberculosis	Ophthalmia Neonatorum	Measles	Pneumonia	Whooping Cough	Cerebro-Spinal Fever	Total
1934	2		10			9	2	1		1			25
1935	6		11	1		13	1			1			33
1936	4	1	39		2	7	2						55
1937	3		37			3	1			3			47
1938	9	1	11		1	10	1			1			34
1939	2	2	12		1					1			18
1940		2	5		2	15	10	1	33	4	5	1	78
1941	2		3	3	1	10	3		85	6	8	3	124
1942	1		11			9	2		17		5		45
1943	3	2	9	—	—	5	2	—	39	1	9	—	70

TUBERCULOSIS

New Cases and Mortality during 1943

Age Periods	New Cases				Deaths			
	Pulmonary		Non- Pulmonary		Pulmonary		Non- Pulmonary	
	M.	F.	M.	F.	M.	F.	M.	F.
0	—	—	—	—	—	—	—	—
1	—	—	—	—	—	—	—	—
5	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—
15	—	2	—	1	—	—	—	—
20	—	—	—	1	—	—	—	—
25	—	—	—	—	—	—	—	—
35	2	—	—	—	—	—	—	1
45	—	—	—	—	—	—	—	—
55	1	—	—	—	2	—	—	—
65 & upwards	—	—	—	—	—	1	—	—
Totals	3	2	—	2	2	1	—	1

(1) Non-notified deaths :—Pulmonary Tuberculosis	..	1
Non-Pulmonary Tuberculosis	..	—

(2) There is no evidence of excessive mortality from Tuberculosis in any particular occupation in this area.

Public Health (Prevention of Tuberculosis) Regulations 1925.

No action has been necessary under the above heading.

Public Health Act, 1936. Section 172.

No action has been necessary under the above heading.

Treatment Centres and Clinics

Child Welfare Centres. Three Child Welfare Centres are maintained by the County Council in the District, namely :—Balderton, Collingham and Farndon.

Sessions are held as follows :—

Balderton—Bullpit Lane. Thursday, 2 to 4.30 p.m. weekly

Collingham—Village Hall. Tuesday, 2 to 4.30 p.m. fortnightly

Farndon—Methodist Hall. Friday, 2 to 4.30 p.m. fortnightly

School Clinics

A School Clinic is conducted by the County Council at Balderton. Sessions are held twice weekly on Monday and Thursday mornings.

Isolation Hospital

By special arrangements with the Borough of Newark, cases of Infectious Disease are isolated in the Barnby Road Isolation Hospital.

The number of cases admitted was 13, including one case of Mumps.

Infectious Disease

No serious outbreak of infectious disease occurred in the district in 1942. Immunisation against Diphtheria was carried out during the year. The majority of the children were given injections at sessions held on school premises, but where it was impossible for the mothers to bring pre-school children to a school, domiciliary visits were paid.

On 31st December, 1943, the position with regard to immunisation was as follows :—

	Under 5 years of age	Over 5 years but under 15	Total
No. of children who completed the course of immunisation in 1943.	204	71	275
Percentage of children consid- ered to be immunised . .	75%	76%	
No. of cases of diphtheria in children under 15		2	
No. of cases in children immunised	1		
No. of deaths from diphtheria	Nil		

This district is doing well, but to obtain the best result a further increase in the percentage immunised is necessary.

Scabies

The small number of cases (10) reported during the year were visited and together with contacts were treated by the application of Benzyl Benzoate.

REPORT OF SANITARY INSPECTOR FOR THE YEAR 1943

1. Inspection of Dwellinghouses during the year

(1) (a)	Number of houses inspected for sanitary or other defects	73
(b)	Number of inspections made for the purpose	90
(2) (a)	Number of dwellinghouses, including above, inspected and recorded under the Housing Consolidated Regulations, 1935	Nil
(b)	Number of inspections made for the purpose	Nil
(3)	Number of houses found to be unfit for human occupation	Nil
(4)	Number of houses found containing defects ..	19

2. Remedy of defects without formal notice

Number of houses rendered fit in consequence of informal action	11
---	----

3. Number of houses in respect of which notices were served requiring repairs

Notices complied with by owners	3
---------------------------------------	---

4. Proceedings under Public Health Acts

Number of official notices served	Nil
Remedied by owners	Nil
Remedied by Council in default of owners ..	Nil
Nuisances remedied without formal notices—	
Drains cleansed	13
New drains laid	4
Wells cleansed	1
Other defects remedied	9
Water supply laid on	7

5. Milk and Dairies Acts

Number of wholesale producers	62
Number of retail producers	45
Retailers	8
Dairies registered as buttermakers only ..	3
New registration as cowkeepers during the year	4
Cowsheds improved	5

6. Slaughterhouses

All animals are now being killed in the Borough of Newark
All premises have been inspected during the year.

Refuse Collection and Disposal

Regular scavenging is carried out in the Parishes of Balderton and Farndon.

The contents of pail closets are disposed of on agricultural land. Ashes are used for filling hollows and levelling land.

In Farndon salvage is collected by the contractors except paper which is collected by the Boy Scouts.

In other parishes salvage is collected through the Boy Scouts and Salvage Stewards who are usually the Head Teachers of Schools.

During the year 59 tons of paper and 93 tons of tins and other metals were disposed of.

Water Supply

The villages of North and South Collingham, Langford, Winthorpe, Coddington, Balderton, Hawton and Farndon are supplied with water from Newark. The remainder of the district is supplied by surface wells.

During certain portions of the year scarcity of water occurred particularly in the South portions of the districts.

R. OAKDEN,

Sanitary Inspector

